

General Faculties Council

General Faculties Council met last on 26 January. While the agenda was relatively short, the meeting lasted some time. The reason? Discussion of the University's financial position for the coming fiscal year.

The President opened the discussion with a set of statements which indicated his and his colleagues' determination to keep the University community together as a community. Student representatives appeared to be particularly well informed when asking questions directly related to their interests: What will happen, for example, if the Bookstore is to carry the cost of its inventory? Or: Will the University become involved in "user fees"?

These and other questions were answered as best they could. The President and his colleagues, however, steadfastly avoided any discussion of topics that could be considered part of Board-employee negotiations.

Vice-President Warrack led the gathering through a review of philosophies underlying the current year's operating budget and introduced principles and priorities for 1987-88. Major changes to the policies enunciated by the Planning and Priorities Committee included a recommendation that up to one percent of the operating budget be set aside for the Budget Adjustment Fund and, further, that in exacting any "tax" or "stringency" tax, the "rationale for a differential tax must be explicitly stated".

Other matters were dealt with expeditiously. GFC received annual reports from the Conference Funds Committee (33 applications were processed of which only one was rejected) and the General Appeals Committee (5 appeals of which four were salary decisions—2 denied and 2 upheld—and one a salary and promotion decision—denied).

Changes in policies concerning non-thesis master degree programs were also approved. □



Quote

"... I have never been more worried than I am at the present time. I have never been more determined than I am at the present time..."

Source: President Myer Horowitz, 26 January 1987. □

University of Alberta

FOLIO

University of Alberta

5 February 1987

University's Association With Hurtig Publishers Grows Stronger

The agreement between the University of Alberta and Hurtig Publishers Ltd. has turned out to be a true joint venture, that is, one that has something in it for each party.

The latest development in this burgeoning partnership occurred on 30 January at University House. Cheques for \$125,000 and \$60,000 were presented to President Horowitz by Barry Hicks, Vice-President, Hurtig Publishers.

The larger amount is a donation that will help pay for the Meteor Vision System, an update to Printing Services' Bedford typesetting system.

The \$60,000 in royalties was the balance owing on the arrangement concerning sales of the three-volume *Canadian Encyclopedia* (the University's share is 5 percent).

Last October, the University received some \$50,000 in royalties. That sum was subsequently given to the Library for the purchase of books, a move that Dr. Horowitz said he planned to make again.

Hurtig's donation will assist in the official ushering in of "desk top publishing." Included with the Meteor Vision System is an Imagitex Graphics System which allows the terminal operator to make up pages (text and/or illustrations) at a sitting. The manual procedures of cutting, waxing and pasting up are about to be eliminated, at least for large scale publishing jobs.

James Marsh, Editor-in-Chief of *The Canadian Encyclopedia*, said, "We couldn't have done it without the University of Alberta. In producing the first edition," he said that "five months of someone doing layout by hand was five months lost to me."

The system is being installed and it should be fully operational in about one month, says Len Young, Director of Printing Services.

Once the cheques were presented, Hal Spelliscy, Director of the Development Office,



announced that the University's application for a matching grant would be rushed to Alberta Advanced Education that afternoon.

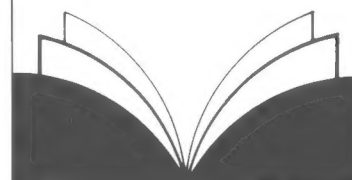
The total cost of the new equipment is approximately \$400,000.

Verbal Contract

The University currently has a verbal contract with Hurtig Publishers to typeset the updated version of *The Canadian Encyclopedia*. Mr. Young said all indications are that the fully composed pages for the recently announced children's encyclopedia will also be produced at the University. □

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Lecturer
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Canada Award



5 February 1987

Industrial and Vocational Education Department Welcomes a Leader In the Field

Robert Taylor, former executive director of the National Center for Research in Vocational Education located at Ohio State University, is about to turn his attention to the state of vocational education in Alberta.

Dr. Taylor, who has just arrived from his home in New Mexico, is a Distinguished Guest Lecturer in the Department of Industrial and Vocational Education.

His schedule begins and ends with meetings with R.S. Patterson, Dean, Faculty of Education. The first meeting is a courtesy call; the second will allow Dr. Taylor to give his perceptions of industrial and vocational education at the University and throughout the province (meetings with faculty and graduate students and with superintendents, supervisors and

department heads for vocational education districts throughout the province have also been scheduled).

On 16 February, at the main office of the Edmonton Public School Board, the topics "Vocational Education: Generic Skills" and "Distance Delivery of Vocational Education" will be explored. A member of the panel formed to react to Dr. Taylor's views on the second topic is Dennis Foth, Dean of Extension.

Dr. Taylor received his doctorate at Oregon State University with a major in Agriculture. Later, he was appointed state supervisor for agriculture in Arizona.

The National Center for Research in Vocational Education has helped shape various policies and has assumed a leading role in the

development of competency-based materials for teachers, counsellors and administrators.

The professional literature in vocational education includes 13 books that Dr. Taylor has written, co-written or edited.

He has acted as a consultant to several blue-ribbon panels concerned with vocational education and its future.

C.H. Preitz is coordinating the many activities associated with Dr. Taylor's visit. □

Instructional Systems Group Helps Strengthen Long Arm of the Law

When the Edmonton Police Department (EPD) wanted to improve refresher courses for police officers by using computer-based training, William Wosar of their Training Section got together with Michael Szabo, Instructional Systems Group at our University, to develop a custom-designed training program.

That program has now won the first Exemplar Project Award to be given by the Special Interest Group in Computer-Based Training (SIG CBT), Association for the Development of Computer-Based Instructional Systems (ADCIS).

According to the selection committee, the project was both significant and useful, with strong and unique design, and clear instructional objectives that were shown to be achieved.

The EPD has used the program since 1983 and reckons it has saved them more than \$300,000 in that time because of improved job performance (45 percent more dog unit investigations were successfully completed; about 50 percent fewer warrants were written incorrectly) and a reduction in training costs.

Courseware for the program was developed using the University's PLATO system (to schedule, deliver, diagnose and record computer-managed training) and our unique programmerless

authoring system OMNISIM (to create computer-assisted training tutorials).

For the EPD, the enormous advantage of OMNISIM and PLATO was that both systems could be used by people who, though experts in their own subjects, knew nothing at all about programming.

The program, called the Decentralized, Individualized, Inservice Training (DIIT) model, uses a combination of video-based training for realism and accuracy, along with computer-based training for efficiency, cost effectiveness and record keeping. The individual performance of every trainee is automatically documented down to the last test item, and the results are presented in an easily understood format. □

Peek-a-Boo?

The University's new telephone directory lists an unusual position in the Athletics Department: a Boo-Keeper.

"I've had a couple of calls, asking where I keep them," says Ollie Sands, the department's book-keeper. A curse on printer's devils! (But our thanks, to the anonymous tipster who wrote us. —Ed.) □

Arthur R. Jordan, 1907 - 1986

Arthur R. Jordan, a long-time member of the Department of Soil Science, died on 22 December 1986.

Mr. Jordan was born in Leicester, England, on 28 September 1907. He came to Canada at the age of 17, and worked at a number of jobs before settling down in Edmonton with his wife, Ellen.

During the Second World War, he was an aircraft repairman. Mr. Jordan joined the Department of Soil Science in 1948. His work entailed many hours of lab duty as well as the planting of experimental grain plots in various soils. He made about 300 soil profiles which

are in use in a number of soil science departments across Canada. A display of Mr. Jordan's monoliths drew the admiration of delegates attending the 11th Congress of the International Society of Soil Science, held at the University of Alberta in 1978. The University's Earth Sciences Building and the International Society of Soil Science Museum in Holland contain displays of Mr. Jordan's work.

His many colleagues and friends presented a plaque to Mr. Jordan on the occasion of his retirement in 1972. □

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University
of
Alberta

Deadlines:

Notices of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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Folio contents may be reprinted with acknowledgment.

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Job Trading Procedures Set In Place

The following procedures for a *U.S.-wide Job Trading Program* have been adopted by the Advisory Committee on Professional Development for APOs.

1. Applications for trading, accompanied by up-to-date résumés, should be directed to the Secretary, Advisory Committee on Professional Development for APOs, 3-13 University Hall. There is no standard application form.
2. The Advisory Committee will remind APOs periodically (in the fall of each year) of the program and invite them to submit applications.
3. Applications may be submitted to and reviewed by the Committee on an on-going basis throughout the calendar year.
4. After making a preliminary selection of appropriate trading partners, the Chairman, or a designate, shall discuss the proposed arrangement with the respective APOs.
5. If the proposed trading partners display a basic interest in the suggested trade, the relevant position descriptions shall be forwarded to them for perusal.
6. Prospective trading partners are encouraged to inform their own supervisors of their interest in a job

trade. On special request by an APO, the Committee Chairman, or a designate, may however approach the respective supervisor on an APO's behalf.

7. Supervisors are encouraged to interview prospective candidates to assess their qualifications and suitability.
8. After both APOs and the respective department head(s) have accepted the proposed arrangement in principle, all parties involved shall meet to discuss details. Discussion should include agreement on such matters as clear definitions on expectations and job content, emergency accessibility by "home" departments, transitional part-time arrangements for mutual training, vacations during exchange period, etc.
9. Following that meeting, the parties involved shall prepare a written statement specifying all relevant arrangements, which shall be submitted to the Associate Vice-President (Academic) for perusal.
10. The Associate Vice-President (Academic Administration) shall review the statement and, as appropriate, suggest modifications to the parties involved before approving the final version.
11. The salary of each trading

partner will continue to be the responsibility of the respective home department.

12. If any of the parties involved in a trade is significantly dissatisfied with the situation after commencement of the trade, the Committee Chairman, or a designate, shall discuss the problems with the individual(s) concerned and, if it becomes necessary, effect cancellation of the

trading agreement at the earliest possible date mutually agreed upon.

13. Within three months after conclusion of each "trade", the trading partners as well as the respective supervisors shall submit a full evaluation of the project to the Chairman, Advisory Committee on Professional Development for APOs, 3-7 University Hall. □

Strip Cartoon Land, Dictionaries and Psych Text Top Book Sales

Humor sells best in SUB Bookstore, but one psychology text and a whole lot of dictionaries make the register ring most often, says trade buyer Gordon Elbrond.

Berke Breathed's *Bloom County Babylon* sold 50 copies in three days—"phenomenal for around here," he says. Robertson Davies' *World of Wonders* is selling well, perhaps significantly it's not an assigned text. *Lions In Winter*, the story of the Montreal Canadiens, is a good seller. But Jim Taylor's opus on Wayne Gretzky has sold only three copies. "How do you judge?" says Elbrond, with a good-natured shrug.

Robert Conquest's *Harvest of Sorrow*, the story of Stalin's 1932-33

terror famine inflicted in the Ukraine has been selling strongly since its co-publication by the University Press and the Canadian Institute of Ukrainian Studies last year.

But it's Philip Zimbardo's 11th edition of *Psychology and Life* that leads SUB Bookstore's sales: 2,800 sold so far this year, and "they'll probably top 3,000," predicts store manager Jim Malone.

The secret to Zimbardo's success? "It nicely approximates first year Psychology," says Malone.

Dictionaries remain perennial strong sellers, particularly *Webster's Ninth New Collegiate*, and the *Concise Oxford*. □

McLuhan Teleglobe Canada Award Offered This Year

The McLuhan Teleglobe Canada Award, created in 1983 (World Communications Year) by the Canadian Commission for Unesco, is a memorial to Marshall McLuhan, the Edmonton-born (1911) media and communications theorist.

The Award was struck to "recognize any work or action that will have contributed in an exceptional manner to furthering a better understanding of the influence exerted by communications media and technology on society in general and in particular on its cultural, artistic and scientific activities."

Quvian journalist Luis Ramiro Betran and Italian scholar and semiotician Umberto Eco are the first two recipients of the Award—\$50,000 (Canadian) and a commemorative medal.

The Award is offered every two years; the deadline for submission of nominations for the 1987 Award is 29 May.

The Award is offered to a national of any country and may be offered either to an individual or a group working together as a team. Institutions, organizations and corporations are not eligible.

Nominations must be submitted to the Canadian Commission for Unesco. (The Award is funded by Teleglobe Canada and administered by the Canadian Commission with the assistance of other Unesco national commissions and in close collaboration with Unesco itself.)

An independent jury consisting of five Canadians will select the winner and that person's name will be announced in October-November 1987.

The official text of the Regulations governing the Award is available from national commissions for Unesco or from the Canadian Commission for Unesco, 99 Metcalfe Street, P.O. Box 1047, Ottawa, Ontario, K1P 5V8. □

The President's Advisory Committee on Sexual Harassment (PACSH) has a vacancy for one male non-academic staff member.

This candidate would serve as an alternate member of PACSH for a term of office beginning immediately and expiring in June 1989. Alternate membership on PACSH does not require attendance at meetings through the year. Members may, however, serve on panels which assess and investigate sexual harassment cases. Alternate members also assist with the educational campaign. If you are interested in serving on this committee, or if you would like to submit a nomination, please send a brief resume and cover letter by February 20, 1987 to:

Mrs. E.A. Solomon
Coordinator of the Committee
2-5 University Hall

United Way Seeks Volunteers

The United Way of Edmonton and area invites applications from faculty and staff of the University of Alberta to serve as volunteers in the Planning and Allocations Division.

Volunteers from diverse background and experience participate throughout the year in: 1) reviewing requests for funding for more than 100 existing and new programs in 41 member agencies; 2) visiting agencies and reviewing applications for funding of special community service projects; 3) considering new agency applications; 4) carrying out special reviews and studies.

Ten to twelve volunteers work together on one of seven volunteer panels; appointments are for a three-year term.

Volunteers must be available for frequent evening meetings in September/October and from April to June, as well as regular meetings throughout the year. In addition, volunteers are required to review materials prior to meetings.

Those interested are asked to call Korrine Johnson (482-6491) at their earliest convenience. □

Academy Strings to Play Faculty Club

The Academy Strings, the University of Alberta's string ensemble, will perform at a charity ball at the Faculty Club, 14 February.

Eighteen student musicians and their leader, Norman Nelson, founder member of the St. Martin-in-the-field Academy and the Purcell Quartet, will preside over "an evening of fine food, chamber music and dancing."

Admission is \$50 per person (tax receipt \$25); proceeds will assist the Spring Tour '87 of Western Canadian Universities.

Call 436-0571 or 432-3263 for tickets. □

Talks

Physics

6 February, 2 p.m. W.S. Fyfe, University of Western Ontario, "Earth Convection and Global Change." V-121 Physics Building.

13 February, 2 p.m. P.L. Taylor, Case Western Reserve University, "Stability and Instability in Crystal Growth." V-121 Physics Building.

AHFMR

6 February, 2:30 p.m. Guy Hervé, Directeur, Laboratoire d'Enzymologie, Centre National de la Recherche Scientifique, Gif-sur-Yvette, France, "Latest News on the Aspartate Transcarbamylase of E. coli." 2J4.02 Mackenzie Health Sciences Centre.

Zoology

6 February, 3:30 p.m. B.K. Mitchell, "Chemosensory Basis of Host-Plant Recognition: The Colorado Potato Beetle Model." M-149 Biological Sciences Centre.

13 February, 3:30 p.m. John S. Edwards, Department of Zoology, University of Washington, Seattle, "Evolution of Insect Flight." M-149 Biological Sciences Centre.

Chemistry

6 February, 4 p.m. J.K.S. Wan, Department of Chemistry, Queen's University, "Chemically Induced Dynamic Electron Polarization: Time Imaging of Primary Radicals in Photochemistry." V-106 Physics Building.

9 February, 4 p.m. Professor Wan, "Microwave Induced Chemical Catalysis: A Review of All Our Past (and Future) Mistakes." E3-25 Chemistry Building.

Romance Languages

6 February, 4 p.m. Giuseppe Mazzotta, "Vico's Encyclopedia—The New Science." L-4 Humanities Centre.

Rehabilitation Medicine

9 February, noon. Louise Gauthier, School of Physical and Occupational Therapy, McGill University, "Benefits of Group Occupational Therapy for Parkinsonian Patients." T-109 Corbett Hall Trailer Complex.

Slavic and East European Studies

9 February, 2 p.m. R.C. Elwood, Chairman, Department of History, Carleton University, "Inessa Armand—The Bolshevik Feminist." 45 Tory Basement.

9 February, 3 p.m. A. Hornjatkevych, "Epemes, Epes and Alloepes: The Case of the Captivity Dumy." 776 General Services Building.

Population Research Laboratory

9 February, 3 p.m. Harvey Krahn, Graham Lowe and Timothy Hartnagel, "The Canadian Youth Employment Study: Choosing Between School and the Labour Force." TB-W2 Tory Breezeway.

Forest Science

9 February, 3:30 p.m. F.L.C. Reed, Forest Industry Professor, Department of Forest Resources, University of British Columbia, "The Softwood Lumber Issue." 239 CAB.

Nursing

9 February, 4 p.m. Rozella Schlotfeldt, Professor and Dean Emeritus, Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, Ohio, "Imperatives for Advancing Nursing's Knowledge Base." 2F1.04 Mackenzie Health Sciences Centre. Funded by AHFMR.

English

9 February, 4 p.m. Ted Bishop, "Modernism, Postmodernism, and

Woolf's Between the Acts." 5-20 Humanities Centre.

11 February, 4 p.m. Rudy Wiebe, "The Skull in the Swamp." A 25-year Retrospective on the Publication of Peace Shall Destroy Many." L-3 Humanities Centre.

12 February, 12:30 p.m. Paul de Barros, author of a new collection of short fictions, will read from his works. L-3 Humanities Centre.

23 February, 4 p.m. Patricia Merivale, Department of English, University of British Columbia, "Handcuffed to History: Salmon Rushdie's Midnight's Children and the Pseudo-Historical Novel." 5-20 Humanities Centre.

24 February, 3:30 p.m. Pat Prestwich will discuss the text *The Bonds of Womanhood* by Nancy Cott. 5-20 Humanities Centre.

26 February, 3:30 p.m. Patricia Demers will discuss the text *Texts of Terror: Literary-Feminist Readings of Biblical Narratives* by Phyllis Trible. 5-20 Humanities Centre.

Lutheran Campus Ministry and Chaplains' Association

9 February, 7:30 p.m. Richard Caemmerer, Jr., Director, Gruenewald Guild, Leavenworth, Washington, "The Way It Was: Art and the History of Christian Faith."

10 February, 7:30 p.m. Mr. Caemmerer, "The Way It Is: Sacred Art in a Secular Society."

11 February, 7:30 p.m. Mr. Caemmerer, "The Way It Can Be: Art and Our Mission and Ministry." The lectures, to be given in St. Joseph's College Chapel, form the Staley Foundation Distinguished Christian Scholar Lecture Series.

Economics

10 February, 3 p.m. John Whalley, University of Western Ontario, "Tax Reform in Canada: Issues and Options." (The Eric J. Hanson Memorial Lecture.) Stollery Executive Centre, 504 Business Building.

CITL

10 February, 4 p.m. F.S. Chia and S.H. Arnold, "Graduate Student Research Supervision." TB-W2 Tory Breezeway.

11 February, 4 p.m. Jim Creechan, "Strategies for Creating Fair Multiple-Choice Examinations." TB-W2 Tory Breezeway.

24 February, 11 a.m. Allen Vander Well, "Identifying and Assisting Students in Crisis." 225 Athabasca Hall.

24 February, 2 p.m. Sharon McGuire, Administrative Studies, Athabasca University, "Making Meetings Work." TB-W2 Tory Breezeway.

25 February, 3 p.m. Hilary Hunt, director of the dance program, Victoria Composite High School, and Brian Nielsen, "Class Management and Instructional Techniques." TB-W2 Tory Breezeway.

26 February, 4 p.m. S. Keith Ward, Academic Dean, The King's College, "Cheating and Plagiarism: Toward Restoring Trust." TB-W2 Tory Building.

Plant Science

10 February, 4 p.m. G. Dunn, "Association of Morphological Characteristics and Lodging Resistance in 6-Row Barley (*Hordeum vulgare*)." 811 General Services Building.

12 February, 4 p.m. T. Oddie, "The Potential for Fly Ash as a Liming Substitute and its Effect on Crop Growth." 811 General Services Building.

24 February, 4 p.m. D. Guo,

"ATP-Dependent Ion Transport in Plant Cell Membranes." 811 General Services Building.

26 February, 4 p.m. R. Horton, "The Role of Winter Carbohydrate Reserves in the Spring Growth of Temperate Grasses." 811 General Services Building.

Anatomy and Cell Biology

10 February, 4 p.m. Laurie Doering, Post-Doctoral Fellow, Montreal General Hospital, "Formation of Cytoskeletal Abnormalities on Isolated CNS Transplants." 6-28 Medical Sciences Building.

17 February, 4 p.m. Brad Olwin, Post-Doctoral Fellow, Department of Biochemistry, University of Washington, Seattle, "Fibroblast Growth Factor Signal Transduction and FGF Receptor Regulation During Myogenic Differentiation." 6-28 Medical Sciences Building.

Computing Science

11 February, 3:30 p.m. Paul Dorsey, "The Breakdown of Communication Between Analysts and Users in System Design." 619 General Services Building.

Botany

11 February, 4 p.m. G.H. LaRoi, "The SEADYN Boreal Forest Ecosystem Study at Hondo, Alberta—A Review of Activities: 1981-1985." M-149 Biological Sciences Building.

25 February, 4 p.m. Kevin Timoney, "Treeline." M-1490 Biological Sciences Building.

Limnology and Fisheries Discussion Group

12 February, 12:30 p.m. Gordon Goldsborough, "Algal Autecology of the Phyllosphere of Lemna minor." P-319N Biological Sciences Centre.

26 February, 12:30 p.m. Mrinal Das, "Hybridization Between Northern Redbelly Dace (*Phoxinus eos*) and Finescale Dace (*P. neogaeus*) in West Central Alberta." P-319N Biological Sciences Centre.

Soil Science

12 February, 12:30 p.m. John Dormaar, Research Scientist, Lethbridge Research Station, Agriculture Canada, "Soils and Range Management Research in Southern Alberta." 2-36 Earth Sciences Building.

26 February, 12:30 p.m. Alan Stewart, Senior Oil Conservationist, Alberta Soil and Water Conservation Service, PFRA, "Perspectives on Soil Conservation." 2-36 Earth Sciences Building.

Centre for Criminological Research

12 February, 3 p.m. Murray Straus, Director, Family Research Laboratory, University of New Hampshire, "How Violent are American Families and How Do We Know?" 1-103 Tory Building.

13 February, 10 a.m. Dr. Straus, "Problems of Data Collection and Analysis in Family Violence Research." 769 General Services Building.

14 February, 9 a.m. Dr. Straus, "The Link Between Violence in Society and Families." Panel response to follow. 237 Law Centre.

14 February, 1:30 p.m. "Family Violence: An Alberta Perspective—a panel presentation including the following organizations: University of Alberta Faculty, Office for the Prevention of Family Violence, Edmonton Committee on Child Abuse and Neglect, Family Studies Department, Edmonton Police Department, Faculty of Social

Welfare—University of Calgary, Alberta Hospitals and Medical Care, RCMP, Positive Action Against Pornography, Alberta Council of Women's Shelters and Edmonton Social Services. 237 Law Centre.

History

22 February, 3:30 p.m. Mary Lynn Stewart, Simon Fraser University, "Protection, Paternalism and Patriarchy: Sex-Specific Legislation in France, 1892-1915." 2-58 Tory Building.
13 February, 3:05 p.m. David A. Kales, "Canadian Communism, Trotskyist Tendencies and the New Left: An Institutional and Ideological History." 2-58 Tory Building.

Entomology

12 February, 4 p.m. John England, "Glacial Heresies—For Those Who Like Bugs." TB-W1 Tory Breezeway.
26 February, 4 p.m. J.L. Haley, "Comparisons of Three Leptinotarsa Species." TB-W1 Tory Breezeway.

Canadian Mediterranean Institute

12 February, 7:30 p.m. Fred Bentley, "Soil Erosion in the Ancient Near East and Middle East." Lecture Room, Provincial Museum.

Family Studies

13 February, 10 a.m. Murray Straus, University of New Hampshire, "The National Family Violence Study—Data Collection Issues." 769 General Services Building.

Agricultural Engineering

February, 3:30 p.m. Gary M. Hyde, Agricultural Engineering Department, Washington State University, Pullman, "No-Till Fertilizer Placement Studies For Small Grains." E-342 Chemical-Mineral Engineering Building.
24 February, 3:30 p.m. Dr. Hyde, "Potato Planting, Harvesting and Handling Research." E-344 Chemical-Mineral Engineering Building.

Music

24 February, 11 a.m. David Bernstein, Ohio State University, "As Snows Before a Summer Sun." 227 Education Centre.
26 February, 3:30 p.m. Robert Riseling, University of Western Ontario, "Analysis and Brahms' 'Op. 120': The Performer's Point of View." 2-34 Fine Arts Building.

Centre for Gerontology

25 February, noon. N. Keating, "Retirement and Farm Transfer." TB-W2 Tory Breezeway.

Science, Technology and Society Program

26 February, 3:30 p.m. Pamela Asquith, "Anti-Darwinism in Japan: The Story of a Red Herring." 1-06 Business Building.

The Arts

Théâtre Français d'Edmonton

Until 8 February. "Play . . . Molière!" 469-0829.

Ring House Gallery

Until 15 February. The Eighth Dalhousie Drawing Exhibition—44 works by 11 prominent artists from British Columbia, Alberta, Manitoba and Saskatchewan.

Music

All concerts take place in Convocation Hall.
6 February, 8 p.m. Opera Performance—works by Salieri and Mozart.
7 February, 8 p.m. Opera Performance—works by Salieri and Mozart.
10 February, 8 p.m. Student Recital—Corey Hamm, piano.
11 February, 8 p.m. Words and Music—performers are students from the Art Song Interpretation Class of Alexandra Munn.
12 February, 8 p.m. Student Composers Concert featuring works by graduate students.
13 February, 8 p.m. Faculty Recital—Grant Cahoon, flute.
20 February, 7 p.m. Meet the Masters Series—Vocal Masterclass featuring Nancy Argenta, soprano.
21 February, 5 p.m. Junior Student Recital—Barbara Ritz, piano.
21 February, 8 p.m. Senior Student Recital—Kathleen Neudorf, soprano.
22 February, 3 p.m. Junior Student Recital—Darald Bantel, tenor.
22 February, 8 p.m. Faculty Recital—Kuniko Furuhata, mezzo-soprano, and Helmut Brauss, piano.
23 February, 5 p.m. Junior Student Recital—Dorothy Leonard, soprano.
26 February, 5 p.m. Junior Student Recital—Brenda Randall, mezzo-soprano.

SUB Theatre

6 and 7 February, 8 p.m. The dance group Orchesis presents "Dance Motif '87." 432-5602.
12 February, 5:30 p.m. The Active 20/30 Club presents "A Kid's Variety Show." 425-2626.
13 February, 8 p.m. "Stand By Me."
14 February, 2 and 4 p.m. The Edmonton Symphony Orchestra, Symphony for Kid's presents "Fun With Bob." 428-1414.
21 February, 8 p.m. The Friends of CJSR present "John Cale and Chris Spedding."

Edmonton Film Society

9 February, 8 p.m. International Series—"Bix" (Canada, 1981). L-11 Tory Lecture Theatre.
23 February, 8 p.m. "Tracks in the Snow" (Pervola) (Holland, 1985). L-11 Tory Lecture Theatre.

Broadcasts

Radio

CKUA
7 February, 7 p.m. Music at the University of Alberta presents "French Baroque Opera." Guest: Paul Rice.
14 February, 7 p.m. Music at the University of Alberta presents "Music for Film." Guest: Chris Philpott.
21 February, 7 p.m. Music at the University of Alberta presents "Music Opera is Not Grand." Guest: Alfred Strombergs.

Sports

Basketball

7 February, 1 p.m. Pandas vs. Saskatchewan.
7 February, 3 p.m. Bears vs. Saskatchewan.

Track and Field

7 February, 9 a.m. Provincial Championships.
8 February, 10 a.m. Provincial Championships.

Volleyball

7 February, 6 p.m. Pandas vs. Saskatchewan.
7 February, 8 p.m. Bears vs. Saskatchewan.

Award Opportunities

Ernest C. Manning Awards of Merit

Donor: Ernest C. Manning Awards Foundation. *Where tenable:* Canada. *Level:* Unspecified. *Field:* May be in biological (life) sciences, physical sciences and engineering, social sciences, economics, business, labour, law, government and public policy, arts and humanities, but are not restricted to the above. *Value:* \$25,000. *Number:* Up to two. *Duration:* Unspecified. *Conditions:* This award is for persons who, without benefit either of advanced education or of substantial corporate, institutional or other outside support, show great talent and promise in creating new concepts, processes, procedures or products of potential benefit to Canada and to society at large; must be Canadian citizens resident in Canada; must be nominated by two or more legally competent persons, not related to the nominee. *Closing date:* 27 February 1987. *Further information and application forms should be requested from:* Frank G. Stewart, Executive Director, Ernest C. Manning Awards Foundation, 2300, 639 Fifth Avenue S.W., Calgary, Alberta T2P 0M9. Telephone: 266-7571.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Chairman, Department of Speech Pathology and Audiology

Applications are invited for the position of Chairman of the Department of Speech Pathology and Audiology. The department is located within the Faculty of Rehabilitation Medicine and offers a BSc in Speech Pathology and Audiology as well as an MSc in Speech Pathology.

Specific responsibilities include: leadership in undergraduate and graduate program development and development of an active research program.

Qualified candidates should be speech pathologists or audiologists who have a background in administration and teaching as well as a demonstrated commitment to research. A doctoral degree is required. Salary will be commensurate with qualifications (Associate Professor range: \$39,620 to \$57,236 p.a.; Full Professor floor: \$50,630 p.a.). The position is available 1 September 1987.

Closing date for applications: 30 April

1987. Send vita and three references to: Dr. Martha C. Piper, Dean, Faculty of Rehabilitation Medicine, University of Alberta, 316 Corbett Hall, Edmonton, Alberta T6G 2G4.

Tenure-Track Teaching Position

Department of Educational Psychology

The Department of Educational Psychology wishes to employ an individual who will provide leadership in the fields of computer-based instruction and in the psychology of instruction and/or adult learning. Such an individual should have a teaching and research background which includes instructional curriculum design, learning theory, and computer-based instruction. Preference will be given to candidates with a record of successful teaching in elementary or high school and university/college and with a strong research and publication record.

Budget permitting, this will be a tenure-track senior level position.

Applications, including a current *curriculum vitae* and names of at least three referees, should be forwarded by 31 March 1987 to: Dr. Harvey W. Zingle, Chairman, Department of Educational Psychology, 6-102 Education North, University of Alberta, Edmonton, Alberta, T6G 2G5.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 30 January 1987. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Typist II, (Trust/Part-time), Physical Therapy, (\$701-\$870)
Departmental/Executive Secretary, Office of the Vice-President (Academic), (\$1,716-\$2,208)
Technician I (Trust/Term), Foods and Nutrition, (\$1,580-\$2,027)
Technician II (Split funded), Oral Biology, (\$1,791-\$2,304)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

Rent - Home, acreage near Stony Plain, lease one year, June 1987-May 1988. Three bedrooms, fireplace, family room, furnished, double attached garage. Near lake. \$600/month, utilities. Damage deposit. 963-5663.
Rent - Three, large rooms. Kitchenette, three-piece bathroom. Separate entrance, ground level. Country setting. Fifteen minutes from University. 434-6022.

Rent - New, fully furnished/equipped, four-bedroom, two-bath vacation home in Canmore. Daily (two-day minimum) or weekly rental to family groups only. Damage deposit. Information: Dr. Overton, 432-6344, 481-3694.

Sale - Lansdowne. Main-floor family room, four-bedroom, Ace Lange, two-storey. Quiet. Trees. Access University, hospital, downtown. Pat von Borstel, 437-6540, 436-5250, Spencer Realty.

Sale - University area. Upgraded bungalow with suite. Super kitchen. Pat von Borstel, 437-6540, 436-5250, Spencer Realty.

Sale - Excellent family, four-bedroom home. Sparkling hardwood floors. Close community rink, tennis. Sunny south yard. Easy access University. \$79,000. Call Joyce Byrne, 435-6064, 436-5250. Spencer Realty.

Sale - Just listed, Lendrum. Open beam. Spotless. Two bedrooms up, two down. Excellent location. Deck. \$84,500. Call Joyce Byrne, 435-6064, 436-5250. Spencer Realty.

For sale - By owner. Stratford Square condo. West end. Three-bedroom, end unit. Fully developed basement. \$48,000. 487-5007.

For rent - New 2,800 sq. ft. home. Riverbend. Four bedrooms, fifteen minutes from campus. Furnished or unfurnished, one year from 1 August. References. 430-6196.

Rent - Riverbend. Immaculate, furnished, split-level home. One-year lease, 1 July possession. \$1,300/month. Western Relocation, 438-1044.

Rent - Glenora. Gracious, 2 1/2-storey, 3,000'. Outdoor pool, tastefully restored throughout. \$2,500/month. 1 April possession. Western Relocation, 438-1044.

Rent - Two-bedroom condominium. 178 St. 79 Ave. \$495/month. 1 March. Western Relocation, 438-1044.

Rent - Devon, Alberta. Cozy, three-bedroom house. Fenced yard. \$495/month. Western Relocation, 438-1044.

Accommodations wanted

House-sitter available: Visiting lady professor, willing to take care of your house, yard, pet, plants. June, July, August. References available. 432-4255.

Academic family will care for your home, July-August. 454-6153.

Automobiles and others

Sale - 1983 Plymouth Reliant wagon, ps, pb, cruise, roof rack, AM-FM cassette. \$5,500. 929-2747.

Moving must sell - 1980 Ford Ltd. Four doors, 120,000 km, new engine, guaranteed. 433-0873 res.

Goods for sale

Cash paid for appliances, 432-0272. New electronic typewriters, including computer interface, \$625. Used correcting IBM Selectric II, \$399. Open 7 days/week, weekday evenings. Mark 9, HUB Mall. 432-7936.

Quilt duvets for sale - Wool stuffing, muslin covering. Sizes from crib to king. \$15-\$60 depending on size. Phone 352-3102 (Wetaskiwin).

Weaving loom for sale - Leclerc Colonial usable as jack or counter-balance, four harnesses, 45" width, with accessories and Leclerc bench. \$1,000. Phone 352-3102 (Wetaskiwin).

Wool for sale - Clean, carded, \$4/pound, spinning rolls, \$5/pound. Phone 352-3102 (Wetaskiwin).

Macintosh computers, accessories and software at the right price. Mouse pads, carrying cases, surge suppressors, diskettes, etc. CCD Computer Systems Ltd. - your Apple dealer. Call John Chalmers, MEd., at 451-2801.

Centronics dot matrix printer (graphics) 120 c.p.s. 15" carriage, parallel port, brand new. \$300. 488-1530 after 6 p.m.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment

costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

Typing Associates word processing. \$1.35 per double-spaced page. Shannon, 462-3825.

Professional typist - Word processing. Specializing in theses, dissertations, manuscripts. Gwen, 467-9064.

Editing, research and writing services by MA (English), BCom. Manuscripts, reports, dissertations, correspondence. 434-8975.

Word processing, photocopying, typewriter sales/rental. Open 7 days/week, weekday evenings. Mark 9, HUB Mall. 432-7936.

City Secretarial Service, 432-0138. Thesis (word processed) \$18/hour. Electronic scanning \$3/page. Typing (double spaced/10 pitch) \$1.75/page.

Typing, word processing, theses, manuscripts, in English, German, Italian, Serbocroat. 479-6849.

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